

EAST Search History + *Interference*

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| L1 | 0 | pulsed near laser near plasma near (auto-focus\$3 auto adj focu\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 18:59 |
| L2 | 0 | pulsed same laser same plasma same (auto-focus\$3 auto adj focu\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 18:59 |
| L3 | 0 | pulsed same laser same plasma same (auto adj focu\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:00 |
| L4 | 0 | pulsed same laser same plasma same auto adj focu\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:00 |
| L5 | 0 | pulsed same laser same plasma same auto-focu\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:01 |
| L6 | 2894 | pulsed same laser same plasma | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:01 |
| L7 | 59 | pulsed near laser near plasma | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:02 |
| L8 | 1 | pulsed near laser near laser adj induce adj plasma | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:05 |
| L9 | 5 | pulsed near laser near plasma.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:06 |
| L10 | 573 | emission near spectroscopy near plasma | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:07 |
| L11 | 80564 | mov\$4 near object | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:07 |
| L12 | 2162262 | auto-focus\$4 near position location | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:07 |

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|-----|---------|---|---|----|----|------------------|
| L13 | 131 | L10 and L12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:07 |
| L14 | 2 | L13 and L11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:07 |
| L15 | 2 | auto-focus\$4 near workpiece | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:07 |
| L16 | 1 | 115 and 17 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:08 |
| L17 | 0 | 110 and 115 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:24 |
| L18 | 1616720 | 110 and element\$ analy\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:25 |
| L19 | 90 | 110 and (element\$3 near analy\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:26 |
| L20 | 4 | 110 and (element\$3 near analy\$4).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/01/17 19:27 |
| S1 | 1071 | (356/318).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 15:22 |
| S2 | 553 | emission near spectroscopy near plasma | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:18 |
| S3 | 7 | S1 and S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 15:09 |
| S4 | 0 | emission near spectroscopy near plasma near auto-focus\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 15:28 |
| S5 | 0 | emission near spectroscopy near plasma near auto?focus\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 15:16 |

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|-----|---------|---|---|----|----|------------------|
| S6 | 2041582 | geometric near parameters location | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 15:17 |
| S7 | 2 | S6 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 15:17 |
| S8 | 0 | emission near spectroscopy near plasma near triangulation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 15:29 |
| S9 | 17976 | triangulation | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 15:29 |
| S10 | 5 | S9 and S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 15:58 |
| S11 | 2 | "5798832".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:16 |
| S12 | 7 | ("4645342" "4833322" "4986658" "4995723" "5283417" "5379103" "5446538").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/18 15:59 |
| S13 | 75605 | mov\$4 near object | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:08 |
| S14 | 1 | S13 and S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:09 |
| S15 | 23 | S13 and S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:09 |
| S16 | 2039418 | auto-focus\$4 near position location | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:24 |
| S17 | 125 | S2 and S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:20 |
| S18 | 1 | S17 and S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:20 |

EAST Search History

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| S19 | 2 | auto-focus\$4 near workpiece | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:25 |
| S20 | 0 | auto-focus\$4 near plasma | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/06/18 16:25 |